

Art Unit: 1791

partially between the first and second ends, the mold being comprised of four separable pieces, the

IDC-C2,AMD,M

~~Claim 22, line 9, "whose core glass has conically suction"~~ has been amended to

~~read - whose core glass has been conically suction~~ -

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IDC-C3,AMD

Claim 22 line 4, "polygoned" has been deleted and - - polygonal- - inserted

thereof.

~~Claim 23, the second paragraph has been amended as follows,~~

- - an act of pouring core glass melt comprised of tellurite glass with said composition and said components into the mold so as to fabricate the glass preform whose core glass has been conically suction molded by volume contraction of the cladding glass and by causing the cladding glass to flow out of said hole ~~volume contraction of the cladding glass and by causing the cladding glass to flow out of said hole~~; and - -.

IDC-C4,AMD

Claims 26 and 27 have been cancelled.

Reasons for Allowance

~~4. The following is an examiner's statement of reasons for allowance. It is known tellurite glasses are typically molded and further processed through a rod-in-tube method for adding cladding. The claimed tellurite composition is also known in the art. The prior art of Large et al. (2005/0147366) even teaches molding optical core structure having a cross-sectional shape of a cross by utilizing a mold with four convex portions to manufacture polygon columnar preforms with concave portions running along the length of the preform. However the only material of focus demonstrated by Large is polymers. Additionally, the prior art of Mitachi et al. (JP 59-003030) teaches a molding~~